



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/583,959	05/31/2000	Mark Joseph Hamzy	AUS9-2000-0068-US1	2343

7590 11/14/2003

Marilyn Smith Dawkins
International Business Machines Corporation
Intellectual Property Law Department
Internal Zip 4054 11400 Burnet Road
Austin, TX 78758

EXAMINER

CHANG, JUNGWON

ART UNIT	PAPER NUMBER
----------	--------------

2154

DATE MAILED: 11/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/583,959

Applicant(s)

HAMZY ET AL.

Examiner

Jungwon Chang

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-18 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-12 and 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephen Downes, "Deep Links", hereinafter Downes.

4. As to claims 1 and 14, Downes discloses the invention substantially as claimed, including a method, in a server data processing system (i.e., web site/server), for servicing a request for a resource requested by client data processing system (i.e., user; page 2, paragraphs 5,6), comprising:

determining if the resource requires at least one prerequisite resource (page 1, paragraphs 1, 3); and

sending a different resource (page 1, paragraphs 3-5) having a content combining of the requested resource content and at least a portion of content of at least one prerequisite resource if the requested resource requires the prerequisite resource

Art Unit: 2154

(page 2, paragraph 6).

5. Downes does not specifically disclose receiving the request for the resource. However, it would have been obvious to one of ordinary skill in the art that user browser generates HTTP GET request to a server to receive a desired resource is well known in the art.

6. As to claims 2-7, Downes does not specifically disclose keeping track of each request made for the at least one prerequisite resource for each requester within a tracking parameter. However, it would have been obvious to one of ordinary skill in the art that cookie is a small data file stored on user's computer or server. The cookie file contains information, such as a user ID, password, user IP address, issue time, and last hit time that allow a system administrator to track user history and preferences is well known in the art.

7. As to claim 8, Downes discloses determining which at least one resource is the at least one prerequisite resource (page 1, paragraphs 1, 3).

8. As to claims 9-12, Downes further discloses modification comprises merging the content of the prerequisite resource with the content of the requested resource (page 2, paragraph 6).

9. As to claims 15 and 16, they are rejected for the same reasons set forth in claims 2-7 above.

10. Claims 13, 17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stephen Downes, "Deep Links", hereinafter Downes, as applied to claims 1-12 and 14-16, further in view of Nakamura et al. (US 6,591,248 B1), hereinafter Nakamura.

11. As to claims 13 and 17, they are rejected for the same reasons set forth in claims 1 and 14 above. Downes does not specifically disclose the requested resource can be reached by following links from the another resource content. However, Nakamura discloses the requested resource can be reached by following links from the another resource content (col. 4, lines 29-44). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Downes and Nakamura because Nakamura's selecting appropriate hyperlinks (i.e., urls) on another resource content (i.e., web page) would allow a user to view the resource of interest.

12. As to claim 18, they are rejected for the same reasons set forth in claims 1, 13, 14 and 17 above. Downes does not specifically discloses a program, having computer readable program code means, on a computer usable medium, for servicing a request for a resource requested by a client data processing system. However, Nakamura discloses a program, having computer readable program code means, on a computer usable medium, for servicing a request for a resource requested by a client data processing system (col. 1,

Art Unit: 2154

lines 13-22). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Downes and Nakamura because Nakamura's program (i.e., browser) would allow a user to communicate with a server.

Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Angles et al., patent 6,385,592 B1 disclose that custom advertisements can be merged with electronic documents obtained from the content provider.

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jungwon Chang whose telephone number is (703)305-9669. The examiner can normally be reached on 8:30-6:00 (Monday-Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (703)308-9052. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-7239 for regular communications and (703)746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-9669.

Jungwon Chang
November 10, 2003


ZARNI MAUNG
PRIMARY EXAMINER